



AML - External Mine Portal Investigation (Bat Habitat Suitability)

Project Name:

Date:		Portal No.:		Quadrangle:	
Time:		Latitude		Longitude	
Location:				County:	

Opening Type:

☐

Bat Gate Recommended.

Suitability of Mine Portal for Bat Habitat (check all applicable items.)

<input type="checkbox"/>	1. The opening is not suitable for a bat habitat.
<input type="checkbox"/>	The entrance is totally collapsed or bricked off.
<input type="checkbox"/>	The portal is flooded or floods in wet weather.
<input type="checkbox"/>	The entrance is severely blocked by rock or vegetation.
<input type="checkbox"/>	A total collapse of the mine at the opening area appears to have occurred.
<input type="checkbox"/>	2. The opening may be suitable for a bat habitat.

Biological Characteristics of the Mine Opening (check all observed)

3. Aquatic life present:		4. Vertebrates/signs:	Foraging signs
<input type="checkbox"/> Salamanders		<input type="checkbox"/> Dog	<input type="checkbox"/> Moth wings
<input type="checkbox"/> Salamander larvae		<input type="checkbox"/> Raccoon	<input type="checkbox"/> Vegetation
<input type="checkbox"/> Crayfish		<input type="checkbox"/> Opossum	<input type="checkbox"/> Other (list below)
<input type="checkbox"/> Frogs		<input type="checkbox"/> Skunk	
<input type="checkbox"/> Other (list below)		<input type="checkbox"/> Woodrat	
		<input type="checkbox"/> Mouse	
		<input type="checkbox"/> Phoebe Nest	
		<input type="checkbox"/> Other (list below)	

(Complete the following portion only if the mine may be suitable for a bat habitat.)

- Estimated frequency of human disturbance: _____
- Number of known entrances: _____ More suspected: _____
- Observable side passages present: _____
- Estimated elevation difference between the highest and lowest entrance: _____ feet.

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Entrance Descriptions				
Entrance No.:	1	2	3	4
Type Opening:				
Size: Height x Width	feet	feet	feet	feet
Mine Slope:				
Entrance Stability:				
Ceiling Condition:				
Airflow:				
Flow Direction:				
Amount of Water in Mine:				
Evidence of past flooding:				

9. Outside temperature: _____ (°F).
10. Lowest temperature of exiting air (any entrance, near ground level): _____ (°F), Entrance No. _____.
11. Highest temperature of exiting air (any entrance, near ceiling level): _____ (°F), Entrance No. _____.
12. Greatest length visible through any entrance: _____ (feet).
13. Percentage of canopy cover at opening entrance: _____ (%).
14. Estimated distance to nearest riparian habitat: _____ (feet); and to nearest open water: _____ (feet).
15. Other:
- ☐ The opening is stable and appears to provide safe working conditions.
- ☐ Photographs were taken of the opening and general area. (Number taken/attached to this report: _____).
- ☐ A video was taken of the opening area by: _____.

Comments:

Investigation Conducted by:	
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